

Title (en)
Method for wireless data transfer

Title (de)
Verfahren zur drahtlosen Datenübertragung

Title (fr)
Procédé pour le transfert de données sans fil

Publication
EP 1569384 A1 20050831 (EN)

Application
EP 04004268 A 20040225

Priority
EP 04004268 A 20040225

Abstract (en)
A method for wireless data transfer between a first multimedia device (CAMC) and a second multimedia device (TV), which first multimedia device (CAMC) and second multimedia device (TV) are connected via a wireless connection that is operated according to a first wireless standard (BT) or to a second wireless standard (IEEE802.11b), which first wireless standard (BT) and second wireless standard (IEEE802.11b) are different from and/or not compatible with each other, said method comprising the following steps: a choosing step in which said first wireless standard (BT) or said second wireless standard (IEEE802.11b) is chosen as chosen wireless standard; an adaptation layer processing step in which connection commands (BT-CC), connection parameters (BT-CP) and/or connection data (BT-CD) are processed in order to obtain processed connection commands (IEEE802.11b-CC), processed connection parameters (IEEE802.11b-CP) and/or processed connection data (IEEE802.11b-CD) of said chosen wireless standard (IEEE802.11b; 802.11a; BT); and a sending step in which said processed connection commands (IEEE802.11b-CC), processed connection parameters (IEEE802.11b-CP) and/or processed connection data (IEEE802.11b-CD) are sent out via said wireless connection (IEEE802.11b-WC) according to said chosen wireless standard (IEEE802.11b; 802.11a; BT). The method thus enables a seamless switching from one wireless standard to another wireless standard, wherein upper layers do not notice the switching. <IMAGE>

IPC 1-7
H04L 12/28

IPC 8 full level
H04L 12/28 (2006.01); **H04W 76/02** (2009.01); **H04W 84/18** (2009.01); **H04W 88/06** (2009.01); **H04W 92/18** (2009.01)

CPC (source: EP US)
H04W 48/18 (2013.01 - EP US); **H04W 36/14** (2013.01 - US); **H04W 36/1446** (2023.05 - EP); **H04W 36/18** (2013.01 - EP US); **H04W 84/12** (2013.01 - EP US); **H04W 84/18** (2013.01 - EP US); **H04W 88/06** (2013.01 - EP US); **H04W 92/18** (2013.01 - EP US)

Citation (search report)
• [A] EP 1199842 A2 20020424 - SYMBOL TECHNOLOGIES INC [US]
• [A] WO 0201807 A2 20020103 - BROADCOM CORP [US], et al
• [A] WO 02073430 A2 20020919 - MAULE CHARLES R [US], et al

Cited by
CN114374676A; EP2077654A1; DE102006004024A1; EP1978766A3; EP2420030A4; CN106550484A; EP3355655A4; US2019132899A1; US11006475B2; US7970911B2; US7937479B2; WO2014005939A1; WO2010119330A1; US8966090B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1569384 A1 20050831; **EP 1569384 B1 20070523**; CN 100502334 C 20090617; CN 1922825 A 20070228; DE 602004006598 D1 20070705; DE 602004006598 T2 20080131; JP 2007524316 A 20070823; US 2008232299 A1 20080925; US 8284797 B2 20121009; WO 2005081456 A1 20050901

DOCDB simple family (application)
EP 04004268 A 20040225; CN 200580005885 A 20050223; DE 602004006598 T 20040225; EP 2005001898 W 20050223; JP 2007500145 A 20050223; US 59060205 A 20050223